

Title (en)  
METHOD FOR CONTROLLING TEMPERATURE OF HEATER OF AEROSOL GENERATION DEVICE FOR EACH INTERVAL AND AEROSOL GENERATION DEVICE FOR IMPLEMENTING SAME METHOD

Title (de)  
VERFAHREN ZUR REGELUNG DER TEMPERATUR EINES HEIZAGGREGATS EINER AEROSOLERZEUGUNGSVORRICHTUNG FÜR JEDES INTERVALL UND AEROSOLERZEUGUNGSVORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)  
PROCÉDÉ DE RÉGULATION DE TEMPÉRATURE DE DISPOSITIF DE CHAUFFAGE D'UN DISPOSITIF DE GÉNÉRATION D'AÉROSOL POUR CHAQUE INTERVALLE ET DISPOSITIF DE GÉNÉRATION À AÉROSOL POUR LA MISE EN OEUVRE DUDIT PROCÉDÉ

Publication  
**EP 3818858 B1 20231213 (EN)**

Application  
**EP 19837702 A 20190703**

Priority  
• KR 20180083656 A 20180718  
• KR 2019008101 W 20190703

Abstract (en)  
[origin: US2021052835A1] Provided is an aerosol generating device including a heater configured to generate an aerosol by heating an aerosol generating substance; and a controller configured to control power supplied to the heater, wherein the controller distinguishes a first section, a second section, and a third section and controls power supplied to the heater, and calculates a control reference ratio by using at least two from among the first section, the second section, and the third section and controls power supplied to the heater based on the calculated control reference ratio.

IPC 8 full level  
**A24B 15/167** (2020.01); **A24F 40/57** (2020.01); **H05B 1/02** (2006.01)

CPC (source: EP KR US)  
**A24B 15/167** (2016.10 - EP); **A24F 40/50** (2020.01 - KR); **A24F 40/57** (2020.01 - EP); **A61M 15/06** (2013.01 - US); **H02J 7/0063** (2013.01 - KR); **H05B 1/02** (2013.01 - KR US); **H05B 1/0227** (2013.01 - EP); **A24B 15/167** (2016.10 - US); **A24F 40/20** (2020.01 - EP); **A24F 40/30** (2020.01 - EP); **A24F 40/57** (2020.01 - US); **A61M 2205/8206** (2013.01 - US); **H05B 2203/021** (2013.01 - US)

Cited by  
US11589622B2; EP3818860A4; EP3818859A4

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**US 11541193 B2 20230103**; **US 2021052835 A1 20210225**; CN 111511232 A 20200807; CN 111511232 B 20230721; EP 3818858 A1 20210512; EP 3818858 A4 20220309; EP 3818858 B1 20231213; JP 2021507715 A 20210225; JP 7327873 B2 20230816; KR 102116118 B1 20200527; KR 20200009378 A 20200130; WO 2020017789 A1 20200123

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**US 201916959293 A 20190703**; CN 201980006657 A 20190703; EP 19837702 A 20190703; JP 2020534893 A 20190703; KR 20180083656 A 20180718; KR 2019008101 W 20190703